



Test Report				Date of issue: 4.6.2014					
				Serial No.: 3GF10042219					
				Type: M3JP 315MLA 6 IMB3/IM1001					
				Product Code: 3GJP313410-ADG					
				Protection type: Ex d IIB T4 Gb					
				Cert. No.: LCIE 11 ATEX 3090X / IECEx LCI 04.0007X					
Rating:									
	V	Hz	kW	r/min	A	cos φ	Duty		
3~Motor	690	Y 50	132	991	140	0,83	S1		
Insul.cl.F	400	D 50	132	991	242	0,83	S1		
IP55	660	Y 50	132	990	144	0,84	S1		
	380	D 50	132	990	250	0,84	S1		
	415	D 50	132	992	236	0,82	S1		
	440	D 60	150	1190	246	0,84	S1		
Resistance				Insulation resistance at 54,5 °C			Overload		
Line		Ambient: 21,0 °C		2500 MΩ 1000 V		Torque 160 % 15s			
U ₁ - V ₁		0,01919 Ω							
U ₁ - W ₁		0,01920 Ω							
V ₁ - W ₁		0,01919 Ω							
				High-voltage test winding 2400 V		60 s			
Test	Torque [Nm]	Line U[V]	f[Hz]	Input I[A]	P1 [kW]	Output P2 [kW]	n[r/min]	cos φ	η [%]
No load test		400,0 D	50	85,7	2,14		1000	0,04	
Locked rotor test		75,9 D	50	242,8	9,77		0	0,31	
Thermal test (100% load)	1272,0	400,1 D	50	239,4	138,4	132,0	991	0,83	95,4
Partial load points:									
~75% load	954,9	400,7 D	50	187,4	103,4	99,0	994	0,80	95,7
~50% load	636,0	400,1 D	50	141,2	69,1	66,0	997	0,71	95,5
~25% load	320,7	400,5 D	50	104,6	35,4	33,0	999	0,49	93,2
Temperature rise at rated load.				°C	K	Method	Measurement method		
Stator winding :				55,0	1	1 Resistance			
Frame :				37,6	2	2 Thermometer			
Bearing D-end :				37,7	2	3 Thermocouples			
Ambient Temperature :				25,0	2				
							Starting current (I _S / I _N) : 7,25		
							Locked rotor torque (T _L / T _N) : 2,96		
Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1.									
PLL determined from residual loss.									
On behalf of customer									
On behalf of manufacturer			Date of test		6.10.2010				
Tested by ABB Oy, Motors and Generators, Vaasa, Finland							Telephone +358 10 2211		
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